

Analytical Procedures used in Truckee River Monitoring Program by TMWRF from Dec,1987 through August, 2004

Constituent	Units	Procedure	Method	Detection Limit
Temperature	Deg C	Thermistor (YSI meter)	SM 2550	
Specific Conductance	umhos/cm	Bridge Meter	SM 2510-B	
Dissolved Oxygen	mg/L as O ₂	Polarographic Electrode	SM 4500-O,G	
pH	Units	Electrometric	SM 4500-H+, B	
Barometric Pressure	mmHg	Electronic Pressure Transducer		
Ammonium Nitrogen	mg/L as N	Lachat Phenate	SM 4500-NH ₃ -H	0.02 mg/L
Nitrite Nitrogen	mg/L as N	Lachat Sulfanilymide	SM 4500-NO ₃ -F	0.005 mg/L
Nitrate Nitrogen	mg/L as N	Lachat Cadmium Reduction	SM 4500-NO ₃ -F	0.005 mg/L
Total Kjeldahl Nitrogen	mg/L as N	Microkjeldahl Lachat Salycalate	EPA 351.2	0.10 mg/L
Soluble Kjeldahl Nitrogen	mg/L as N	Microkjeldahl Lachat Salycalate	EPA 351.2	0.10 mg/L
Total Phosphorus	mg/L as P	Persulfate Digestion, Ascorbate	SM 4500-P E	0.002 mg/L
Soluble Total Phosphorus	mg/L as P	Persulfate Digestion, Ascorbate	SM 4500-P E	0.002 mg/L
Soluble Reactive (ortho) Phosphorus	mg/L as P	Ascorbate	SM 4500-P E	0.002 mg/L
Dissolved Organic Carbon	mg/L as C	Dorhmann Persulfate –UV Oxidation	SM 4310-C	0.05 mg/L
Total Dissolved Solids	mg/L	Filterable Residue 180 degree C	SM 2540-C	2 mg/L